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**LAPIS LUSTRE SAND GRADING PARAMETERS**

Cumulative percent passing US Sieves

**Summary of Test Results**

| PRODUCT            |       | Special Blend | Coarse Aquarium | Medium Aquarium | 4 x 16 6 Mesh | 8 Mesh  | #3      | #2/12   |
|--------------------|-------|---------------|-----------------|-----------------|---------------|---------|---------|---------|
| Nominal Sieve Size |       | 3/8" x #6     | 4 x 12          | 6 x 16          | 4 x 16        | 8 x 16  | 8 x 20  | 12 x 20 |
| US                 | mm    |               |                 |                 |               |         |         |         |
| 3/8"               | 9.52  | 100 ± 0       |                 |                 |               |         |         |         |
| #3                 | 6.70  | 77 ± 24       |                 |                 |               |         |         |         |
| 1/4"               | 6.35  | 65 ± 33       | 100 ± 0         | 100 ± 0         | 100 ± 0       |         |         |         |
| #4                 | 4.75  | 21 ± 20       | 97 ± 3          | 98 ± 2          | 99 ± 1        |         |         |         |
| #6                 | 3.35  | 4 ± 4         | 78 ± 10         | 87 ± 14         | 79 ± 7        | 100 ± 0 | 100 ± 0 |         |
| #8                 | 2.36  | 2 ± 1         | 31 ± 7          | 37 ± 18         | 39 ± 17       | 99 ± 1  | 99 ± 1  | 100 ± 0 |
| #12                | 1.70  |               | 1 ± 1           | 9 ± 5           | 6 ± 5         | 40 ± 15 | 59 ± 12 | 96 ± 3  |
| #16                | 1.18  |               |                 | 2 ± 1           | 2 ± 2         | 4 ± 3   | 9 ± 5   | 20 ± 8  |
| #20                | 0.850 |               |                 | 1 ± 1           | 1 ± 1         | 2 ± 2   | 2 ± 1   | 1 ± 1   |
| #30                | 0.600 |               |                 |                 |               |         | 1 ± 1   | 1 ± 1   |

| PRODUCT            |       | #2/16   | #1C     | #1/20   | #0/30     | 30 Mesh | #60     | All Purpose |
|--------------------|-------|---------|---------|---------|-----------|---------|---------|-------------|
| Nominal Sieve Size |       | 16 x 30 | 16 x 40 | 20 x 40 | 30 x 50   | 30 x 70 | 40 x 70 | 4 x 50      |
| US                 | mm    |         |         |         |           |         |         |             |
| #4                 | 4.75  |         |         |         |           |         |         | 100 ± 0     |
| #8                 | 2.36  |         |         |         |           |         |         | 99 ± 1      |
| #12                | 1.70  | 100 ± 0 | 100 ± 0 |         |           |         |         |             |
| #16                | 1.18  | 94 ± 5  | 95 ± 3  | 100 ± 0 |           |         |         | 76 ± 21     |
| #20                | 0.850 | 22 ± 16 | 55 ± 9  | 88 ± 8  | 100 ± 0   | 100 ± 0 | 100 ± 0 |             |
| #30                | 0.600 | 3 ± 3   | 10 ± 6  | 18 ± 11 | 77 ± 5    | 95 ± 5  | 99 ± 1  | 42 ± 25     |
| #40                | 0.425 |         | 1 ± 1   | 1 ± 1   | 12 ± 6    | 73 ± 23 | 80 ± 12 |             |
| #50                | 0.300 |         |         |         | 2 ± 2     | 25 ± 11 | 30 ± 11 | 13 ± 7      |
| #70                | 0.212 |         |         |         | 0.5 ± 0.5 | 3 ± 2   | 5 ± 4   |             |
| #100               | 0.150 |         |         |         |           | 1 ± 1   | 1 ± 1   | 1 ± 1       |

THESE ARE GENERAL GRADINGS ONLY. FOR CURRENT INDIVIDUAL GRADING DATA A CERTIFICATE OF COMPLIANCE IS AVAILABLE ON REQUEST FROM THE TECHNICAL SERVICES LABORATORY. FOR PRICING OR AVAILABILITY INFORMATION CONTACT THE INDUSTRIAL SAND SALES DESK AT 925-200-6207.

**Cemex's Lapis Lustre Plant is located on Lapis Road, 2 miles south of Marina, CA.  
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**831/883-3700**

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